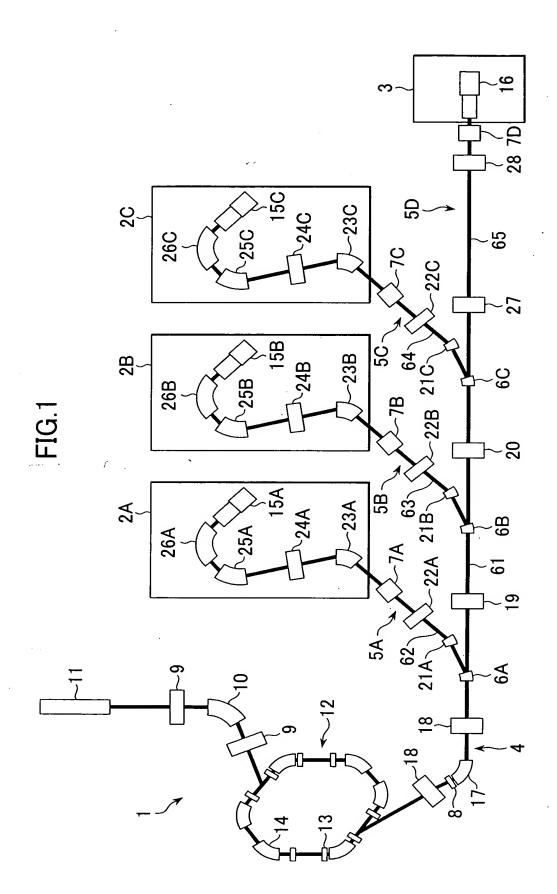
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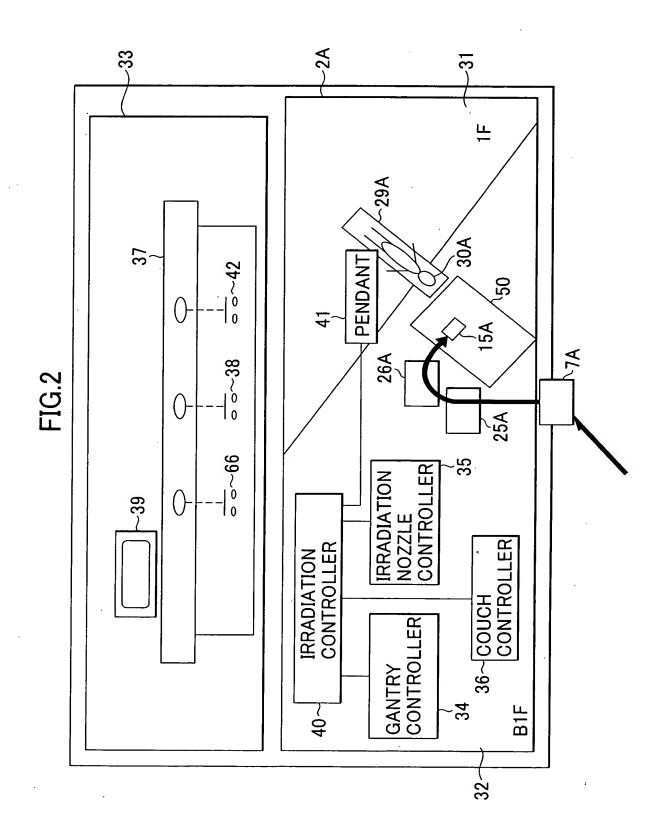
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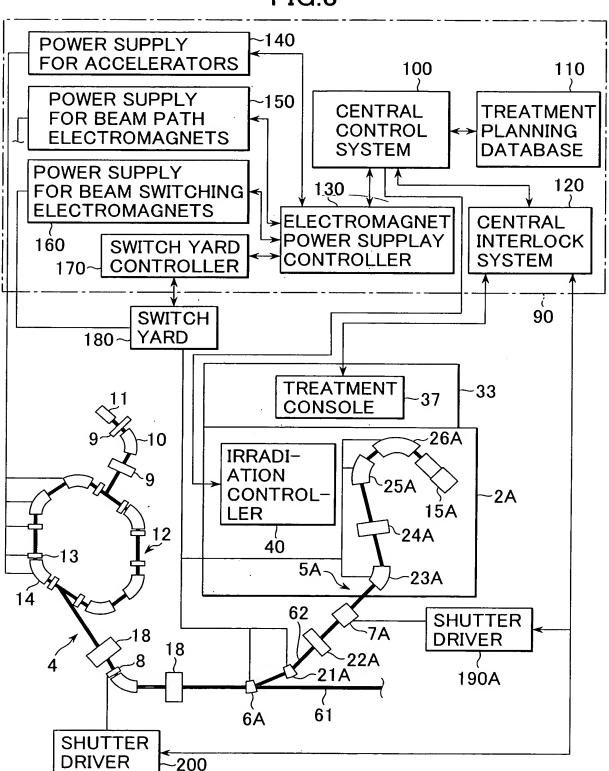
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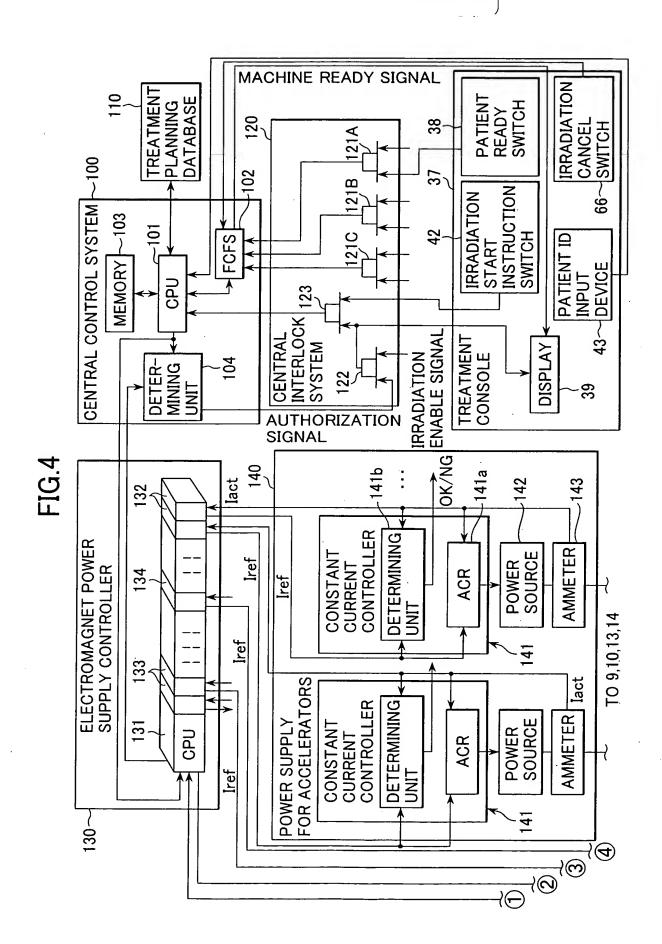
FIG.3



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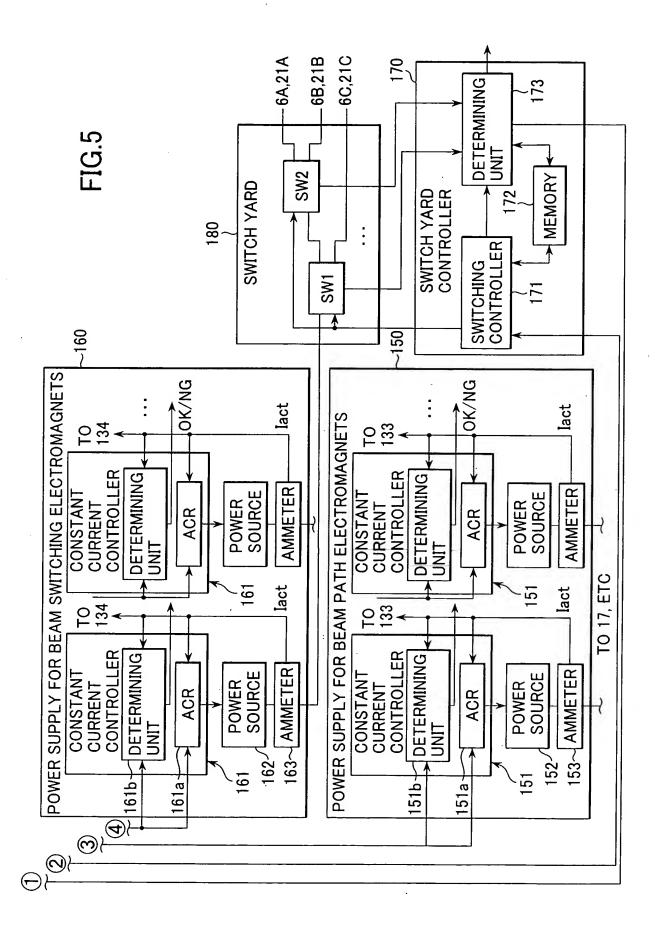
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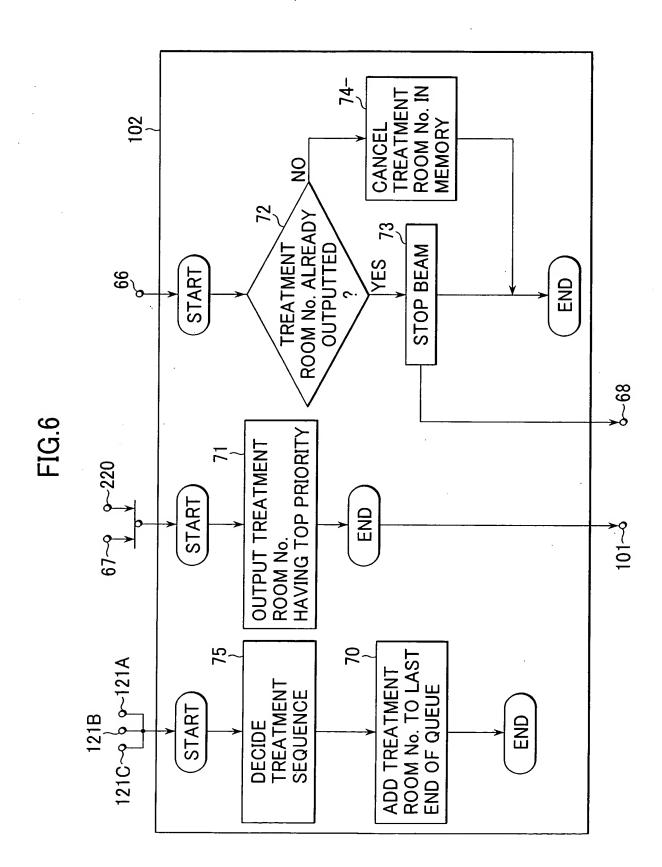


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PATIENT DATA

ENERGY	70Mev
(TREATMENT ROOM No.)	(No.1)
DOSE	
PATIENT ID No.	650098

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FIG.8

**GB: BENDING ELECTROMAGNET** 

**GQ**: QUADRUPOLE ELECTROMAGNET

			C	OMMC	N		
ENERGY (MeV)		RATION	SYN	CHROT		AFTER ACCELE	RATION
	GB10	GQ9	GB14	GQ13	GQ13	GB17	GQ18
70			P	attern	70	•••	•••
80			P	attern	80	•••	•••
90			Pa	attern :	90	• • •	
:	•••	•••		:		:	:
:				:		:	:
:				:		:	:

ENERGY (MeV)	No.1 TREAT ROOM	TMENT 2A	No.1 to No.2	No.2 TREAT ROOM	TMENT 2B	No.2 to No.3	No.3 TREAT ROOM	
	GQ22A	GQ24A	GQ19	GQ22B	GQ24B	GQ20	GQ22C	GQ24C
70			•••	• • •	• • •			•••
80		•••	•••		•••		•••	•••
90	•••	•••	•••	• • •	• • •		•••	
:	:	:	:		:	:	:	÷
:	:	:	:	:	:	:	:	:
	:	:	:	:	:	:	•	:

ENERGY (MeV)	No.3 to	No.4 TREAT- MENT ROOM 3	POWER SOURCE	POWER SOURCE	SWITCHING POWER SOURCE 162-3	SWITCHING POWER SOURCE 162-4
	GQ27	162-1 162-		102-2	102-3	102-4
70	GQ27 GQ28		• • •	•••		
80	•••					•••
90		• • • •		•••		
:	:	:		:	i i	:
	:	:	:	:	:	i i
	:		:		:	:

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## FIG.9

**GB: BENDING ELECTROMAGNET** 

**GQ: QUADRUPOLE ELECTROMAGNET** 

TDE 4 T			С	ОММО	N	,	
TREAT- MENT ROOM No.	BEFORE ACCELE	: RATION	SYN	CHROT	RON	AFTER ACCELE	RATION
	GB10	GQ9	GB14	GQ13	GQ13	GB17	GQ18
1							
2				ON			
3				ON			
4							

TREAT- MENT ROOM No.	No.1 TREAT ROOM GQ22A	2A	No.1 to No.2 GQ19	No.2 TREAT ROOM GQ22B	2B	No.2 to No.3	No.3 TREAT ROOM GQ22C	2C
1	0			L	Care	1 44-5		
2	No (	Care	ON	0	N	No Care		
3	No (	Care	ON	No (	Care	ON	0	N
4	No (	Care	ON	No (	Care	ON	No (	Care.

TREAT- MENT ROOM No.	No.4	No.4 TREAT- MENT ROOM 3	SWITCHING POWER SOURCE 162-1	SWITCHING POWER SOURCE 162-2	SWITCHING POWER SOURCE 162-3	SWITCHING POWER SOURCE 162-4
	GQ27	GQ28				
1						
2			ON			
3	No	Care		U	IA	
4	ON	ON				

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GB : BENDING ELECTROMAGNET GQ : QUADRUPOLE ELECTROMAGNET

		ROOM	3Q24A	:	
F - 1	o_	TREMENT ROOM	GQ22A (	:	
		AFTER ACCELERATION 2A	GQ18	:	
		AFTER ACCELE	CB17	÷	
NOMMOD	COMMINION	SYNCHROTRON	GB10 GQ9 GB14 GQ13 GQ13 GB17 GQ18 GQ22A GQ24A	Pattern 70	
		BEFORE ACCELERATION	GQ9	:	
		BEFORE ACCELE	GB10	÷	
_			:_	<u>:</u>	
		ENERGY		70Mev	
	TOLY	MENT ROOM	No.	No.1	
		DOSE		:	
		PATIENT ID No.		620038	

No.4 TREAMENT ROOM 3	GQ28	No Care
No.3 to No.4	GQ27	No Care
No.3 TREATMENT ROOM 2C	GQ22C GQ24C	No Care
No.3 TREATMEI ROOM 2C	GQ22C	No Care
No.2 to No.3	GQ20	No Care
Vo.2 FREATMENT ROOM 2B	GQ24B	No Care
No.2 TREATME ROOM 2B	GQ22B	No Care
No.1 to No.2	GQ19	No Care

•	:	•••	•	:	
	SWITCHING POWER SOURCE 162-4	SWITCHING POWER SOURCE 162-3	SWITCHING SWITCHING SWITCHING POWER POWER SOURCE SOURCE SOURCE 162-1 162-2 162-3 162-4	SWITCHING POWER SOURCE 162-1	

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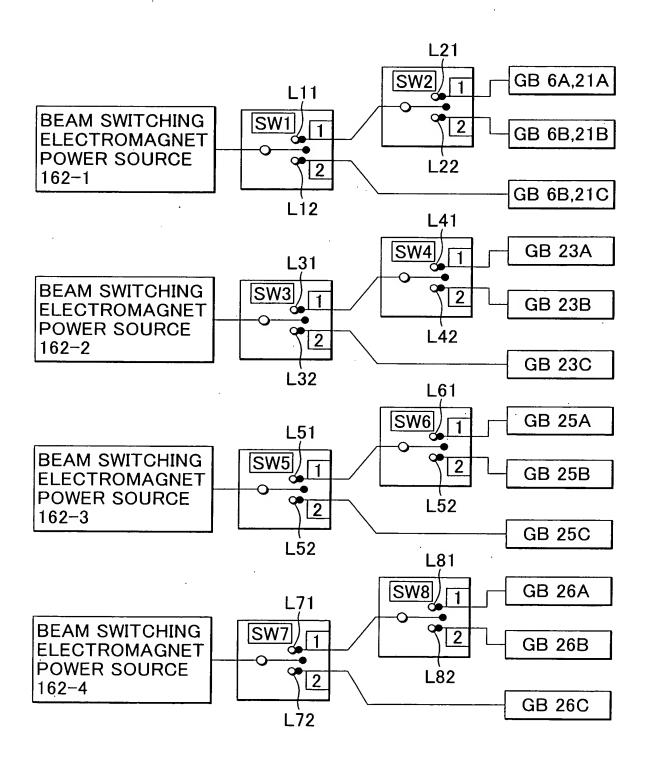
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**FIG.11** 

## **GB: BENDING ELECTROMAGNET**



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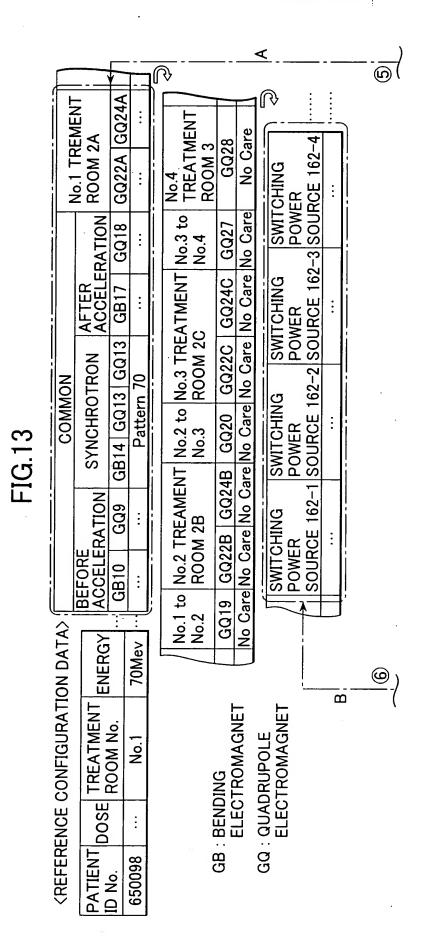
TREATMENT				SWITCH No.	H No.			
ROOM No.	-	2	ε	7	2	9	7	8
-	1	1	1	-	-	-	-	
. 2	-	2	-	2	-	2	-	2
က	2	No Care	2	No Care	2	No Care	2	No Care
4	No Care	No Care	No Care	No Care No Care No Care No Care No Care	No Care	No Care	No Care	No Care

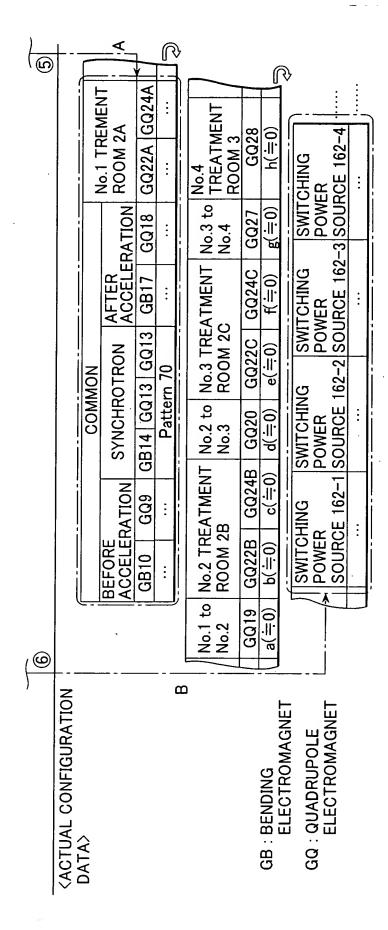
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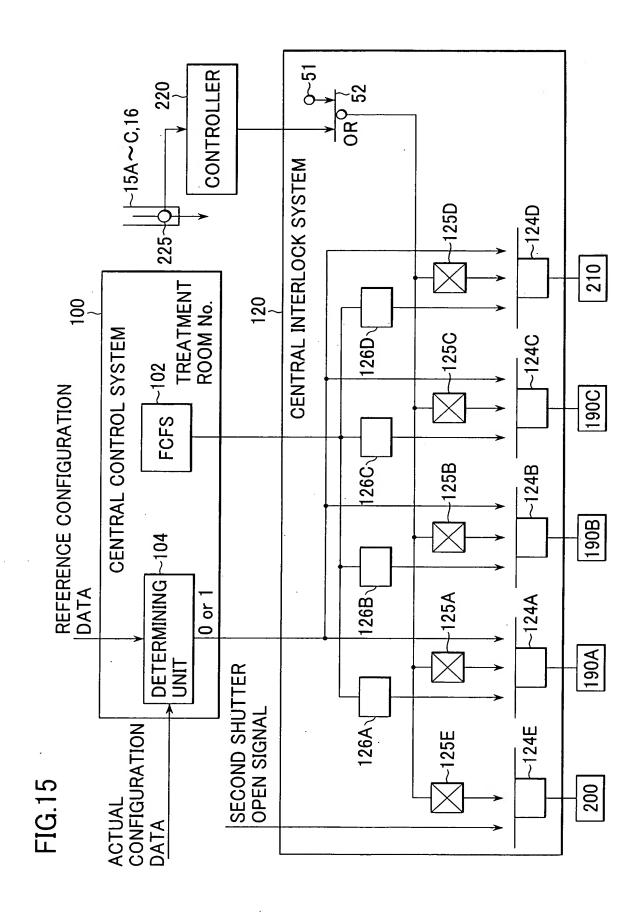


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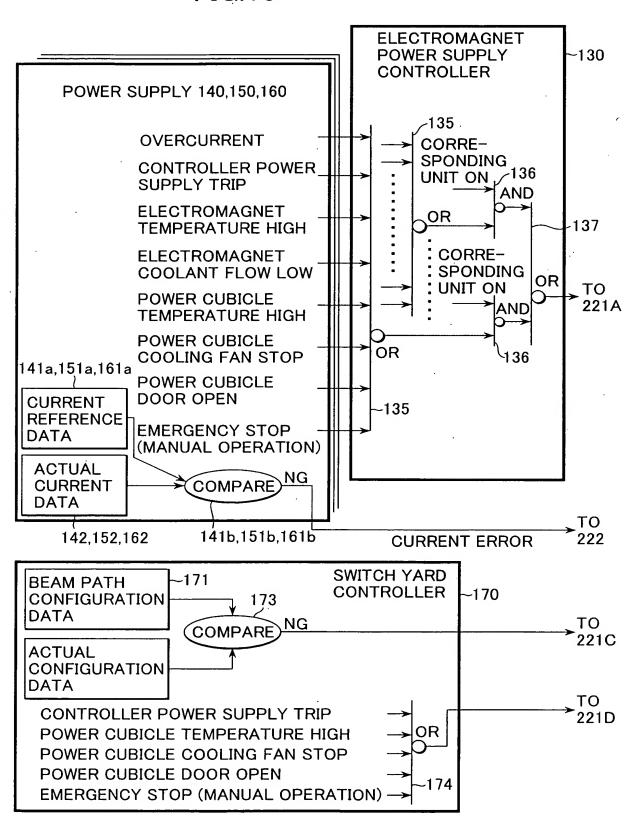
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**FIG.16** 

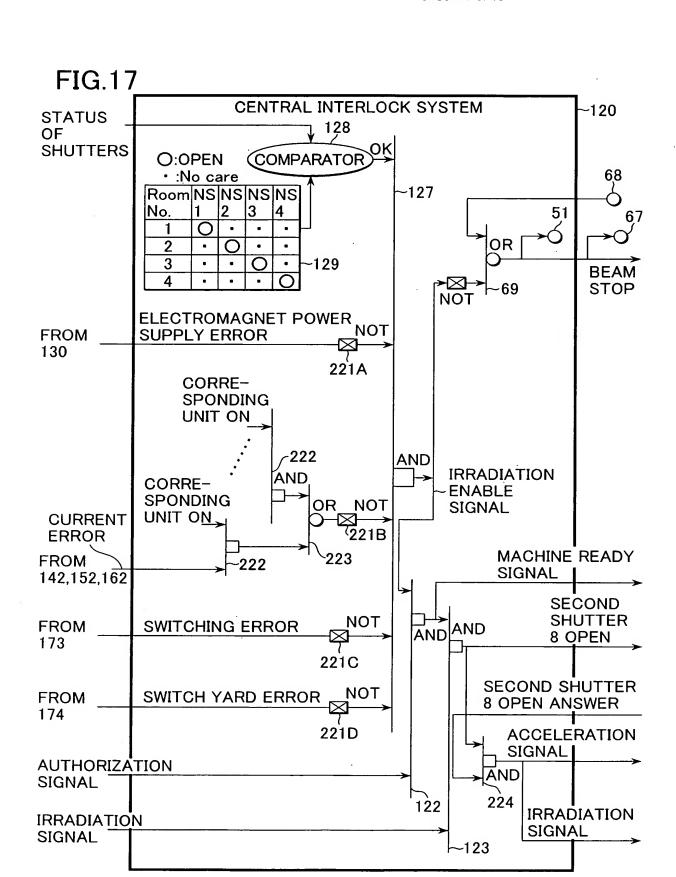


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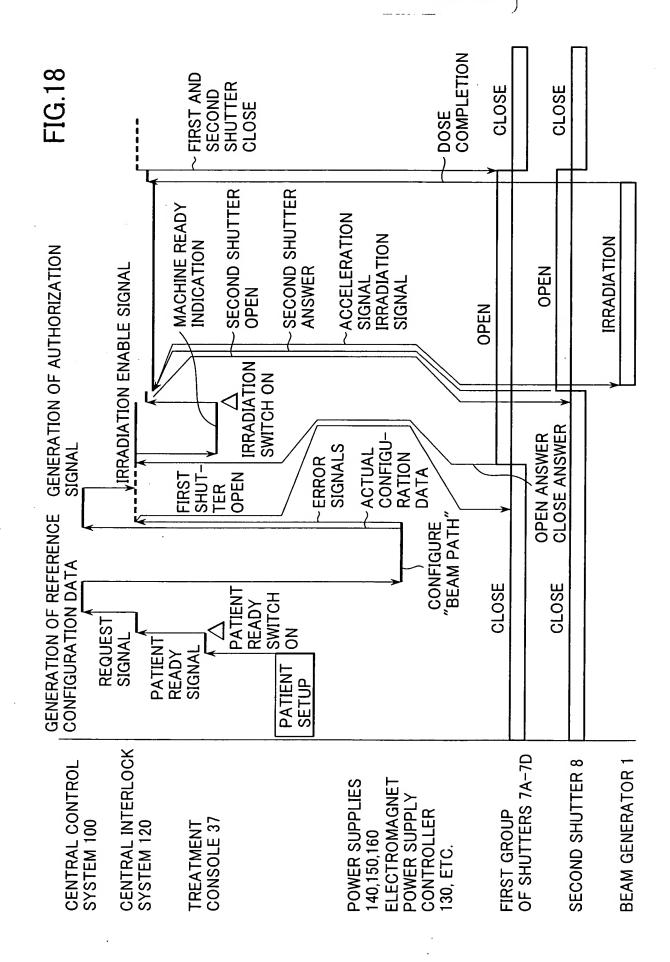
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26C 26B **GB 26A** GB: BENDING ELECTROMAGNET GB GB 25A 25C 25B gB GB GB GB 6B,21C GB 6B,21B **GB 6A,21A 23A** 23B 23C GB GB GB SW2 SW4 L32 L31 SW3 **BEAM SWITCHING BEAM SWITCHING** ELECTROMAGNET ELECTROMAGNET POWER SOURCE POWER SOURCE 162-2 62 - 1